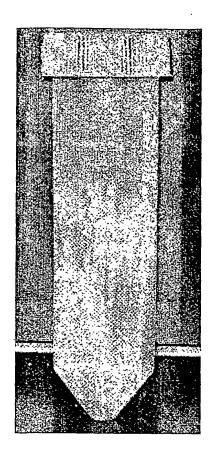
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Fig. 1.

Formulation	Drúg	[Drug]	Acid	[Acid]	Salt	[Salt]	Hq	Phase Stability.	Phase Stability
Foundiation	S. C.	·mM·	AGIO CONTRACTOR	mM.		, mM	1.5	Pre-	Post-
	語の変数は、	The Control of the Co						Autoclave	Autociave
P01	•		-			-	4.6	separates	
P02	•	-	citric	0.1		-	4.1	separates	
P03		-	cítric	0.5			3.6	stable	separates
P04	•		maleic	1.5	-		3.0	stable	stable
P04	•	-	phosphoric	0.1			4.1	separates	
P06	-		phosphoric	0.5			3.6	stable	
P07	•		citric	1.5		-	3.2	stable	separates
P08					monosodium malate 1.		4.6	separates	
P09					potassium phosphate	1.5	4.7	separates	
P10		<u> </u>			potassium tartrate	1.5	5.7	separates	
P11					sodium acetate	1.5	6.2	separates	
P12		<u> </u>			sodium bicarbonate	1.5	7.8	stable	
P13					sodium chloride	150	5.5	separates	
P14	<u> </u>	<u> </u>			sodium citrate	1.5	7.3	separates	
P15	<u> </u>				sodium phosphate	1.5	9.6	stable	
P16	-	<u> </u>			sodium pyrophosphate	1.5	9.2	stable	L
P17	•	<u> </u>			sodium tartrate	1.5	5.7	separates	
P18	Fentanyl	1.5			<u> </u>		7.9	separates	separates
P19	Fentanyl	1.5	citric	0.1	<u> </u>		7.5	separates	separates
P20	Fentanyl	1.5	citric	0.5	<u> </u>	<u> </u>	6.5	separates	separates
P21	Fentanyl	1.5	citric	1.5			4.2	stable	stable
P22	Fentanyl	3	citric	3	<u> </u>		4.1	stable	stable
P23_	Fentanyl	4.5	citric	4.5	<u> </u>	l	4.0	stable	stable
P24	Fentanyl	1.5	citric	1		 	4.6	stable	stable
P25	Fentanyl	1.5	citric	2		<u> </u>	3.7	stable	stable
P26	Ondansetron	1.5	hydrochloric	1.5			4.3	stable	ļ
P27	Fentanyi	1.5 /	maleic	0.1		 	7.6	separates	separates
P28	Fentanyl	1.5	maleic	0.5			7.0	separates	separates
P29	Fentanyl	1.5	maleic	1	<u> </u>	<u> </u>	6.3	stable	stable
P30_	Fentanyl	1.5	maleic	1.5		<u> </u>	5.1	stable	stable
P31	Fentanyl	1.5	maleic	2	<u> </u>		3.4	stable	stable
P32_	Prochlorperazine	1.5	maleic	3	<u> </u>	ļ <u>.</u>	3.4	stable	
P33	Dihydroergotamine	1.5	methanesulfonic	1.5			4.0	stable	ļ
P34	Doxylamine	1.5	succinic	1.5		 	5.0	stable	ļ
P35_	Sumatriptan	1.5	succinic	1.5		 	5.0	stable	ļ
P36	Fentanyl	1.5	citric	1.5	monosodium malate	1.5	4.1	stable	ļ
P37	Fentanyl	1.5	citric	1.5	potassium tartrate	1.5	4.6	stable	
P38	Fentanyl	1.5	citric	1.5	sodium acetate	1.5	6.0	stable	
P39	Fentanyl	1.5	citric	1.5	sodium acetate	75	6.1	stable	
P40	Fentanyl	1.5	citric	1.5	sodium chloride	75	6.8	separates	ļ
P41	Fentanyl	1.5	citric	1.5	sodium chloride	150	5.5	separates	
P42	Fentanyl	1.5	citric	1.5	sodium citrate	1.5	3.9	stable	↓
P43	Fentanyl	1.5	citric	1.5	sodium citrate	75	3.9	stable	ļ
P44	Fentanyl	1.5	citric	1.5	sodium tartrate	1.5	4.5	stable	<u> </u>

Fig. 2



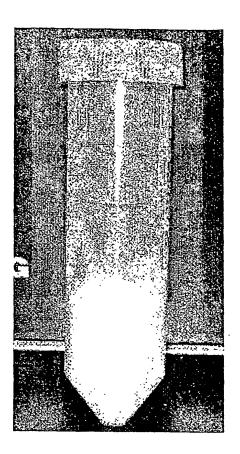


Fig. 2a

Fig. 2b

Fig. 3a

Phase Stability of Placebo Liposomes versus pH

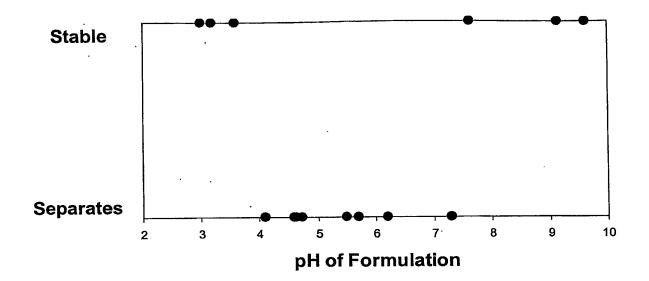


Fig. 3b

Phase Stability of Drug-Liposomes versus pH

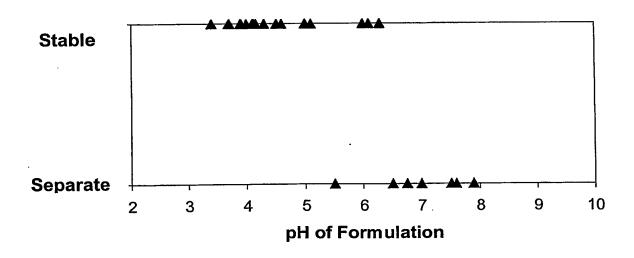


Fig. 4

					rig. 7				
		e de la companya de l	90年1年19日東北京			d(0,50)	70.00	Phase Stability	Phase Stability
ID Number	prop	(Orug) mM	Acid	[Acid] mM	pH	(microns) Pre-		Index (- : Pre	Index Yask
			STATE OF THE PARTY	7.0	*	autoclave L		Autoclave	Post-Autoclave
	Fentanyl	1.5	•		8.00	3.18	4.59	0.00	0.00
B02	Ondansetron	1.5	-	-	7.40	3.21	0.00	0.00	0.00
B03	Ondansetron	2.4	•	-	7.60	3.24	4.32	0.05	0.00
	Sumatriptan	1.5	•	-	9.50	3.52	4.95	0.95	0.99
	Prochlorperazine	1.5	-	-	7.80	9.18	0.00	0,99	0,00
B06	Ondansetron	2.4	Palmitic	0.2	7.20	10.31	10.14	0.00	0.00
	Ondansetron	2.4	Succinic	2.4	4.90	3.98	4.65	0.00	0.05
	Ondansetron	2.4	Succinic	0.2,	6.50	3.77	4.60	0.00	0.50
B09	Ondansetroń	1.5	Succinic	0.75	5.60	3.89_	4.77	0.04	0.76
B10	Ondansetron	1.5	Sodium Phosphate	15.0	11.50	6.09	6.10	0.04	0.06
B11 .	Fentanyl	1.5	Acetic	0.75	6.10	3.93	4.89	0.04	0,89
B12	Ondansetron	1.5	Succinic	1.5	5.00	3.85	4.66	0.04	0,83
B13	Ondansetron	2.4	Succinic	24.0	3.40	4.49	5.62	0.04	0,90
B14	Sumatriptan	1.5	Phosphoric	1.5	3.80	3.84	4.88	0.04	0.55
B15	Ondansetron	2.4	Maleic	0.2	6.70	3.60	4.65	0.04	0,05
B16	Sumatriptan	1.5	Citric	1.0	4.50	3.56	4.55	0.04	0.41
B17	Sumatriptan	1.5	Maleic	1.0	5.90	3.47	4.88	0.05	0.06
B18	Sumatriptan	1.5	Citric	0.75	5.10	3.19	4,23 5,25	0,05 0,05	0.05 0.91
B19	Sumatriptan	1.5	Maleic	1.5	3.90	3.92 3.53	4.10	0.05	0.70
B20	Ondansetron	1.5	Phosphoric	0.75	6.20 7.50	3.41	4.10	0.05	0.00
B21	Fentanyl	1.5 2.4	Citric	0.2	6.70	3.33	4.25	0.08	0.08
B22	Ondansetron	1.5	Citric Citric	1.5	4.00	3.33	5.07	0.06	0.80
B23	Sumatriptan	1.5	Succinic	0.75	5.70	3.50	4.60	0.06	0.23
B24 B25	Sumatriptam	1.5	Phosphoric	1.5	3.90	3.55	4.37	0.06	0.98
B25 B26	Ondansetron	1.5	Acetic	1.5	5.40	3.86	4.75	0.06	0.96
B27	Fentanyl Ondansetron	1.5	Sodium Phosphate	1.5	10.60	4.05	5.11	0.06	0.16
B28	Ondansetron	1.5	Maleic	0.75	6.20	3.84	4.80	0.07	0.90
B29	Ondansetron	2.4	Maleic	2.4	5.40	3.80	4.55	0.08	0.29
B30	Fentanyl	1.5	Phosphoric	0.75	6.70	3.56	4.51	0.08	0.94
B31	Ondansetron	1.5	Sodium Phosphate	0.2	8.80	3.56	4.82	0.10	0.80
B32	Sumatriptan	1.5	Maleic	0.75	8.10	3.15	0.00	0.11	0,00
B33	Ondansetron	2.4	Citric	24.0	2.70	4.33	5.87	0.13	0.99
B34	Ondansetron	1.5	Citric	1.0	4.30	3.48	4.61	0.13	0.82
B35	Ondansetron	2.4	Citric	2.4	3.90	3.59	4.61	0.13	0.52
B36	Fentanyl	1.5	Phosphoric	1.5	4.30	3.42	4.62	0.13	0.97
B37	Fentanyl	1.5	Citric	15.0	2.80	4.22	6.22	0.14	0.92
B38	Ondansetron	2.4	HCI	2.4	3.60	3.58	4.70	0.15	0.84
B39	Ondansetron	1.5	Maleic	1.0	5.50	3.84	4.64	0.15	0.96
B40	Sumatriptam	1.5	Succinic	1.5	4.70	3.84	4.99	0.15	0.69
B41	Ondansetron	2.4	HCI	0.2	6.50	3.57	4.52	0.16	0.92
B47	Ondansetron	1.5	Citric	1.5	4.00	3.67	4.95	0.17	0.94
B48	Fentanyl	1.5	Citric	1.0	4.80	3.48	4,68	0.18	0.63
B49	Fentanyl	1.5	Citric	1.5	7.10	3.60	5.05 0.00	0.22	0.00
B50	Sumatriptan	1.5	Phosphoric	0.75			4.45	0.29	0.00
B60	Ondansetron	1.5	Citric	1.5	3.90	3.23	3.73	0.29	0.72
B61	Ondansetron	1.5	Maleic Maleic	24.0	2.00	5.00	7.19	0.65	0.98
B62	Ondansetron	1.5	Citric	0.75	4.80	5.37	5.19	0.68	0.99
B63 B64	Prochlorperazine Ondansetron	2.4	Palmitic	2.4	7.10	3.36	5.70	0.77	0.87
B65	Ondansetron	2.4	HCI	24.0	1.80	5.47	0.00	0.83	0.00
B66	Production State	1.5	Succinic	1.5	4.50	4.77	6.17	0.86	0.87
B67	Prochlomerazine	1.5	Maleic	0.75	5.90	3.44	28.70	0.96	0.20
B68	Prochlorperazine	1.5	Citric	1.0	4.10	4.19	5.97	0.98	0.96
B69	Prochlorperazine	1.5	Phosphoric	0.75	5.70	3.51	6.71	0.98	0.76
B70	Prochlorperazine	1.5	Citric	1.5	3.90	3.84	6.70	1.01	0.85
B71	Prochlomerazine	1.5	Succinic	0.75	5.50	4.01	6.16	1.02	0.95
B72	Prochlorperazine	1.5	Maleic	1.0	5.00	3.24	5.30	1.05	0.91
B73	Ondansetron	2.4	Palmitic	24.0	6.30	8.71	10.26	1.16	1.17
B74	Prochlorperazine	1.5	Maleic	1.5	4.20	3.26	5.39	1.34	0.86
B75	Prochlorperazine	1.5	Phosphoric	1.5	4.20	4.00	8.11	1.88	0.75

Fig. 5

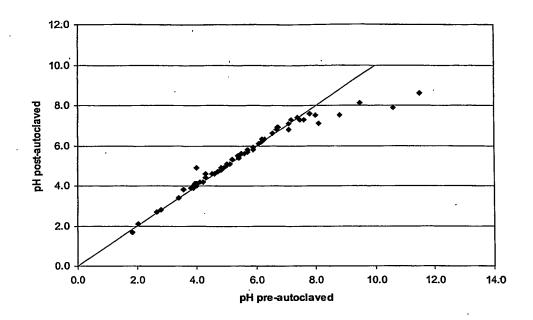
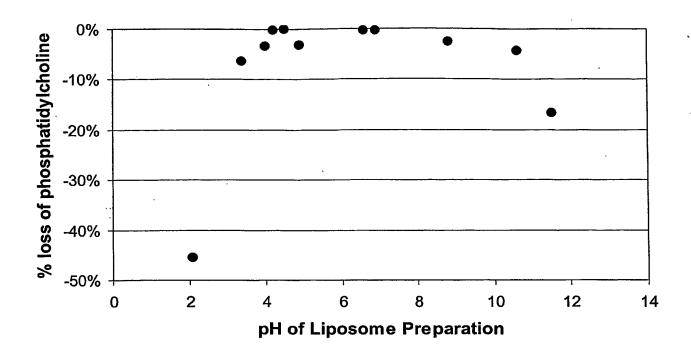
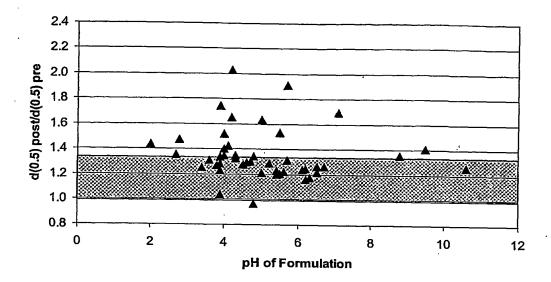


Fig. 6



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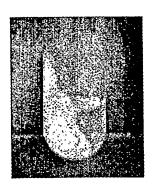
Fig. 7

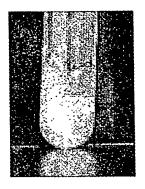


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Fig. 8





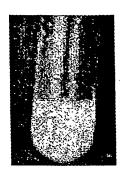


Fig. 8a

Fig. 8b

Fig. 8c

Fig. 9

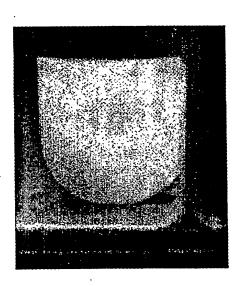


Fig. 10

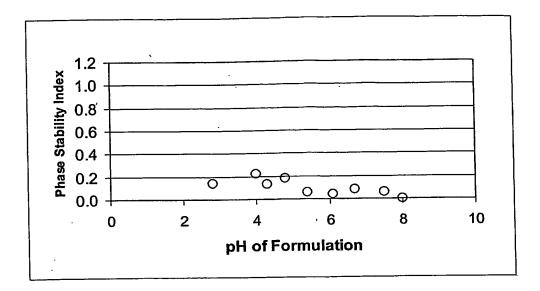
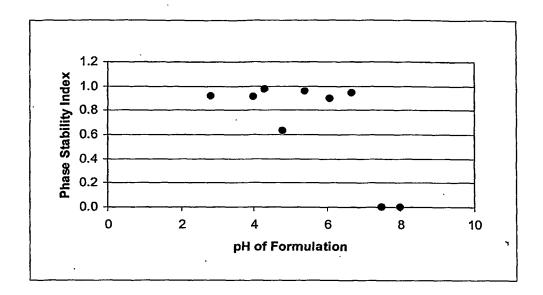


Fig. 11



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Fig. 12

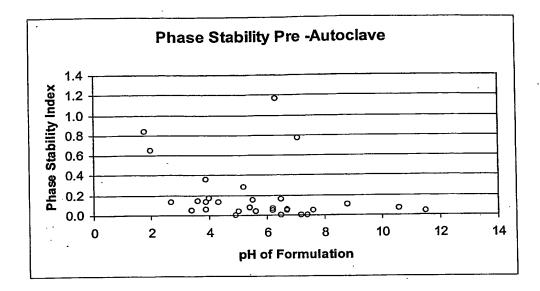
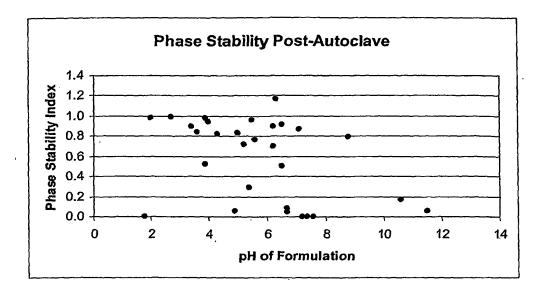


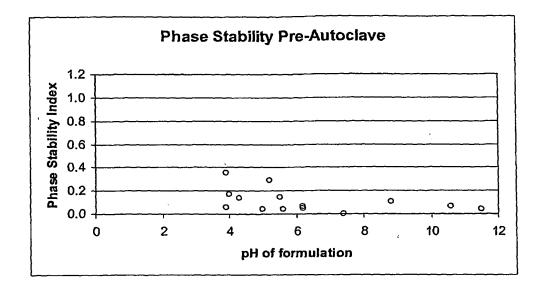
Fig. 13



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Fig. 14



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Fig. 15

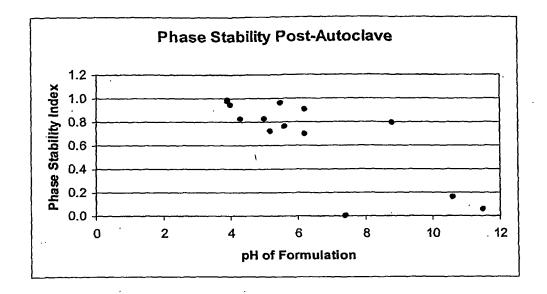
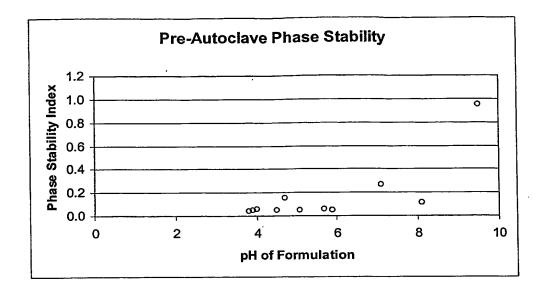


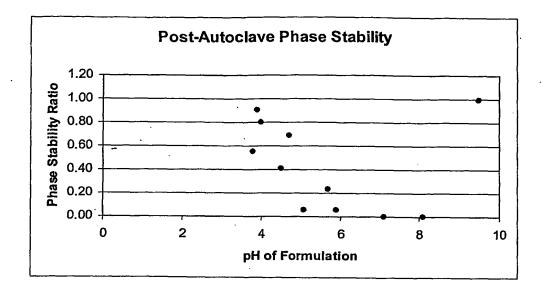
Fig. 16



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Fig. 17



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Fig. 18

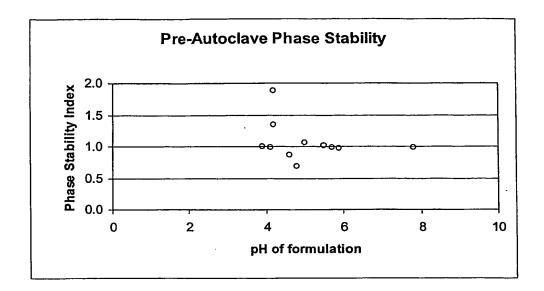


Fig. 19

